Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 11 Apr 2022 until 23:59 on Tuesday 12 Apr 2022

Forecast Issued on Monday 11 Apr 2022 at 04:51

Confidence: High for wind strengths on Monday and transition to warmer but occasionally unsettled conditions. Lower for details and timings of showers on Tuesday and extent of low cloud or hill fog in the outlook.

Headline for Monday 11 Apr 2022: Bright with hazy sunshine at times. Risk of showers this afternoon. Windy.

Mountain weather hazards on Monday 11 Apr 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Sunny intervals	Light rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability					
10%	<05%	60%	20%	20%	20%

Forecast for Monday 11 Apr 2022

Weather: A mostly fine and dry day with cloud breaking to give hazy sunshine at times. Strong and gusty east to southeasterly winds developing widely, reaching gale force on higher peaks. A band of showery rain may push northwards across the park during the afternoon, turning briefly heavy in places with the odd rumble of thunder possible. Winds easing through the evening. Largely dry overnight, before an area of rain arrives from the south during the early hours, turning heavy at times as it pushes northwards.

Chance of cloud-free hill tops above 600m: 80%, lowering to 30% in rain overnight.

Low cloud and visibility: Cloud bases well above all summits for much of the day. Cloud becoming extensive and expected to lower overnight to around 400m, mainly in and around rain. Visibility generally good with briefly deteriorations to moderate in any showers if they pass through and moderate, locally poor in any heavier rain overnight.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Monday 11 Apr 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/38 SE	31/40 SE	33/43 SE	33/44 SE	29/39 SE	21/32 SE	16/23 E
300	12/20 E	17/25 SE	27/40 SE	26/40 SE	21/33 SE	15/25 E	12/21 E
Valley	10/21 E	12/24 E	18/36 SE	15/34 SE	10/24 E	11/22 E	11/20 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	5/-1	8/2	9/4	7/2	6/1	6/2
300	6/2	8/4	10/6	12/8	10/6	9/5	8/6
Valley	6/3	9/6	12/8	12/9	10/8	9/7	9/6
Freezing Level*	900m	1000m	1100m	2100m	2300m	2300m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Developing strong and gusty winds in excess of 40-50mph will give very difficult walking conditions this afternoon with a significant risk of being blown over. Be prepared for occasional lulls and then sudden buffeting on lee slopes and exposed ridges and cols. A significant wind chill is likely on higher peaks.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 11 Apr 2022	0mm	13.8mm	19.8mm

Forecast for Tuesday 12 Apr 2022

Weather: Rain, heavy and persistent at times will spread northwards during the early hours, lasting into the morning. A risk of thunder and lightning in heaviest bursts. Drier by late morning, with some brighter spells. However, some sharp showers may develop, possibly merging to form a longer period of rain. Cloud developing on western slopes overnight, with patchy light rain or drizzle likely, clearer in the east of the park.

Maximum wind: Southeasterly 20-30 mph gusting 35 mph, becoming southwesterly 15-20 mph by mid-afternoon.

Chance of cloud-free hill tops above 600m: 30%, becoming 60% during the afternoon outside of any showers.

Low cloud and visibility: Extensive cloud expected above 400m from the early hours, this possibly quite persistent through the morning. Patchy cloud forming on lower slopes during periods of rain. Bases generally lifting to above 600m during the afternoon, with peaks in the east most likely to be clear. Generally moderate or poor visibility during rain or showers, perhaps very poor in any drizzle overnight. Most valleys seeing good visibilities under cloud at times.

Temperature: **Valleys:** Plus 6 Celsius rising to plus 13 Celsius.
At 600m: Plus 5 Celsius rising to plus 11 Celsius.
Freezing level: Well above the summits.

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